

CALIFORNIA ACADEMY OF SCIENCES.

San Francisco, Oct. 27th

1877

P. O. Box 2247.

Prof. Watson

Dear Sir

I am right glad to learn that you are at work on the 2^d Vol. Cal Bot. anything I can do to aid you will be promptly attended to as time & means allow - therefore send you sp.^{ms}. As far as they are at hand & will try to procure as large sp. of v. ar. as maybe. Strange to say, local Coll.^{ns} are the last to rec. Contributions - all of ours have always gone abroad so that your own dried material far surpasses ours. The most collectors of bulbous plants omit the root - fearing you may not have the bulb of the Oregon only I send our best sp.^{ms} - also the narrow leaved form of L. pandanifolius I am quite sure we have also the dried bulb of L. maritimum - but it is not to be found among the distributed Vegetables

The one thing should be especially remembered with reference to this species is the peculiar dense umbellula like cluster of flowers of the plant - the flowers of the plant are not scattered in rows of them, there is no variation - my specimens of this plant are

material of our Herbarium; an interminable lot
of determined plants are not distributed nor can
we obtain any assistance so to do - will interest
myself though sadly hampered to get you the fresh
bulb & forward it. I send you specimens of
what I consider typical of L. parvum the
the specific name implies little Lily, yet the refer-
ence is to the size of the flower for the
stem is sometimes 6-8 feet high, with rarely
fifty flowers or so. L. pardalinum has probably
the widest range of varieties. I regret that I have
not made this family & especially this sp. a more
careful study - having no house nor means for the
culture (or even collection) save casually; I can
only contribute a note to the elucidation.

The Lily referred to Canadense by V. Benth. in
Flanta Borst. p. 340 from the Santa Clara
Mts. also 2004 (416) V. Benth. Cal. Sacramento Valley
are probably L. pardalinum (?). It does not seem
likely that Benth. or Dr. Parry ever saw it except
in a dried state (?) and allowing they had.
I deem it of the utmost importance in plants
of such simple structure to study well
the bulbs. I wrote to Mr. Elwes several years ago

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to No. 2. of the articulated scales. ^{it is not}
 very apparent ^{to me why they should be so often}
 overlooked. ^{San Francisco,} ¹⁸⁷⁵ ^{use to}
 P. O. Box 2247. ^{you to cut out} my colored painting of *L.*
 from Oregon I will cheerfully send it. ^{By the way}
 I gave Sir Joseph Hooker & Prof. Gray my painting of *P.*
Belgioniana & hope they might verify it - the seed was
 taken from a cone loaned me by the late Mr. Beardsley
 an English collector - did they find it? ^{as even the}
 description -

I incline to the opinion that *L. Californicum* -
 Hart. will be found to be synonymous with *L. pordalinum*
 Mr. E. M. Brooks informs me it grows in the Santa Cruz
 Mts. - the spec. sent from there are not well
 preserved nor as complete as they should be

It is very singular that Max Liechten should have
 sent me a good colored drawing of my *L. pordalinum*
 under the name of *L. Humboldtii* - with the brilliant
 carmine coloring of the outer half of the Sepals!
 how could he mistake it for *L. Bloomerianum*?
 a totally distinct species. I could never very satis-
 -factorily solve the riddle. ^{One could conjecture}
 several mistakes might happen. For you it is not

necessary to say that the typical color may vary - be
faded out to a mere blush. although to a practiced
eye the somewhat defined & tinted limits of the spotting or
streaking of the lower half could still be detected -
but the bulbs are ~~unmistakable~~. Perhaps in descri-
-bing it would be well to notice ⁱⁿ ~~the~~ ^{the} ~~Humboldt~~ the
pubescence of the lower surface of the leaf-
scabrous margins - glabrous nerve - broad
lower leaf & especially those true bracts of the
inflorescences.

I write in and to your letter promptly & should
any thing occur to me worthy of note will
write soon again.

Please be so kind as to remind Prof. Gray of his
promise to send me a specimen of Gratiola
crataegi to compare with ours. Could you
readily send me also a specimen of Verbena
densiflora Dougl. a var. here has peculiar lower leaves.

What is that Euphorbia shrub of Carrizal I
gave to G. V. Wood?

If you can spare a few moments send me the names
of a few plants sent with the Lily Sp.

Yr oblg. - in haste & yours
Truly H. Kellogg